Index of Claims

| Application/Contro | I | No. |
|--------------------|---|-----|
|--------------------|---|-----|

09/527,529

Examiner

Dung Nguyen

Applicant(s)/Patent under Reexamination

KIKKAWA ET AL.
Art Unit

2871

| √ | Rejected |
|---|----------|
|   | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim      | Date         |                         |         |   |   |   |   | Cla   | Date |              |       |          |           |   | Cla                | aim      | Date          |               |   |        |       |       |          |         |         |  |         |        |              |   |        |
|--|----------|--------------|-------------------------|---------|---|---|---|---|---|------|--------------|-------|----------|-----------|---|--------------------|----------|---------------|---------------|---|--------|-------|-------|----------|---------|---------|--|---------|--------|--------------|---|--------|
|  |          | <u>ر</u> ا   | П                       | П       | Т   |   | Т   | П   | Т   |      |              |       | -        |           |   |                    | Т        |               |               |   |        |       |       |          |         |         | Π  | Γ       |        |              |   |        |
| Final  | Original | 6/27/06      |                         |         | 1   |   | -1  |   |   |      |              | Final | Original |           |   |                    |          |               |               |   |        |       | Final | Original |         |         | 1  |         |        |              |   |        |
| iĒ   | 뜻        | 12%          |                         |         |   |   | -   |   |   |      |              | 這     | jr       |           |   |                    |          |               |               |   |        |       | 표     | hig      |         |         | 1  |         |        |              |   |        |
|  | ١٠       | ۳            |                         |         |   |   |   |   |   |      |              |       | U        |           |   |                    |          |               |               |   | _ !    |       |       | C        |         |         | l  |         |        |              |   |        |
|  | 1        | v            | П                       | $\top$  | T   | $\top$  | $\neg$  | T   |   | 7    |              |       | 51       |           |   |                    | T        | 丁             | $\neg \vdash$ | $\Box$                                    |        |       |       | 101      |         |         | $\vdash$                                   | Г       |        |              | _ |        |
|  | 2        | ٧            | П                       |         |   |   | Т   | П   | $\neg \vdash$   | 7    |              |       | 52       |           |   | П                  |          | T             | 1             | $\top$                                    |        |       |       | 102      |         |         |  | Г       |        | $\Box$       |   |        |
|  | 3        | ٧            |                         | T       | 7   | T   | T   | T   |   | 7    |              |       | 53       |           |   |                    |          | 7             | $\neg \vdash$ | $\Box$                                    |        |       |       | 103      |         |         |  |         |        | T            |   | $\Box$ |
|  | 4        | ٧            | П                       | Т       | Т   | Т   | T   | П   |   | 7    |              |       | 54       |           |   | $\Box$             | $\neg$   | $\neg$        |               | $\sqcap$                                  |        |       |       | 104      |         |         |  |         | -      |              |   |        |
|  | _5       | V            | П                       | П       | Т   | Т   | Т   | Т   |   | 7    |              |       | 55       |           |   |                    |          | $\neg$        | $\top$        | $\Box$                                    |        |       |       | 105      |         |         | Τ  |         |        |              |   |        |
|  | 6        | ٧            |                         |         |   |   |   |   |   | 7    |              |       | 56       |           |   |                    |          | Т             |               |   |        |       |       | 106      |         |         | Γ  |         |        |              |   |        |
|  | 7        | N            |                         | T       |   |   |   |   |   |      |              |       | 57       |           |   |                    |          | Т             |               |   |        |       |       | 107      | П       |         |  | П       |        | П            |   |        |
|  | 8        | N            |                         | I       |   |   |   |   |   |      |              |       | 58       |           |   |                    | $\Box$   | $\neg \vdash$ |               | П   |        |       |       | 108      |         |         |  |         |        | П            |   |        |
|  | 9        | N            |                         |         |   |   |   |   |   |      |              |       | 59       |           |   |                    |          | $\Box$        |               |   |        |       |       | 109      |         |         |  | Г       |        | П            |   |        |
|  | 10       | ٧            |                         |         |   |   |   | $\Box$  |   |      |              |       | 60       |           |   |                    |          | $\neg \top$   |               |   |        |       |       | 110      |         |         |  | Г       |        | П            |   |        |
|  | 11       | ٧            |                         |         |   | $\perp$   |   |   |   |      |              |       | 61       |           |   |                    | П        | Т             | Т             |   | $\neg$ |       |       | 111      |         |         | Τ  | П       |        | T            |   |        |
|  | 12       | v            |                         | $\perp$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$    | $oxed{oxed}$  |   |      |              |       | 62       |           |   |                    | $\Box$   | $\prod$       |               |   |        |       |       | 112      |         |         |  |         |        |              |   |        |
|  | 13       |              |                         | $\perp$ | floor   | $oxed{\bot}$  | $\Box$  |   | $oldsymbol{ol}}}}}}}}}}}}}} $ |      |              |       | 63       |           |   |                    |          |               |               |   |        |       |       | 113      |         |         | $L_{-}$                                    |         |        |              |   |        |
|  | 14       |              |                         | $\perp$ | Ι   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   |      |              |       | 64       |           |   |                    | 丁        |               |               |   |        |       |       | 114      | $\Box$  |         | Γ  |         |        |              |   |        |
|  | 15       |              |                         |         |   |   | $\perp$   |   | $\perp$   |      |              |       | 65       |           |   |                    |          |               |               |   |        |       |       | 115      |         |         |  |         |        | П            |   |        |
| L  | 16       |              |                         | $\perp$ | $\perp$   | $oldsymbol{ol}}}}}}}}}}}}}}}$ | Ι   |   | $oldsymbol{ol}}}}}}}}}}}}}}}$ |      |              |       | 66       |           |   |                    |          | $\Box$        | $\prod$       |   |        |       |       | 116      |         |         |  | Π       |        |              |   |        |
|  | 17       |              |                         |         |   |   |   |   | $\perp$   |      |              |       | 67       |           |   |                    |          | П             |               | П   | $\neg$ |       |       | 117      |         |         | П  | П       |        |              |   |        |
|  | 18       |              |                         | $\perp$ |   |   |   |   |   |      |              |       | 68       |           |   |                    |          |               |               | П   |        |       |       | 118      |         |         | П  |         |        |              |   |        |
|  | 19       |              |                         |         |   |   | Т   |   |   |      |              |       | 69       |           |   |                    | П        | Т             |               | П   |        |       |       | 119      |         |         | П  |         |        |              |   |        |
|  | 20       |              |                         |         |   |   |   |   |   |      |              |       | 70       |           |   |                    |          |               |               | П   |        |       |       | 120      |         |         |  |         |        |              |   |        |
|  | 21       |              |                         |         |   |   |   |   |   |      |              |       | 71       |           |   |                    |          | Т             |               | П   |        |       |       | 121      |         |         | П  | Г       |        |              |   |        |
|  | 22       |              |                         | $\Box$  |   |   |   |   |   | ]    |              |       | 72       |           |   | П                  | П        | Т             |               | П   |        |       |       | 122      |         |         | Г  |         |        |              |   |        |
|  | 23       |              |                         |         |   |   |   |   |   |      |              |       | 73       |           |   |                    |          |               |               |   |        |       |       | 123      | $\Box$  |         |  |         |        | $\Box$       |   |        |
|  | 24       |              |                         |         |   |   |   |   | $\perp$   |      |              |       | 74       |           |   |                    |          |               |               | $\Box$                                    |        |       |       | 124      |         |         |  | П       |        |              |   |        |
|  | 25       |              |                         |         |   |   |   |   |   |      |              |       | 75       |           |   |                    |          |               |               | T   |        |       |       | 125      |         |         | П  | П       |        |              |   |        |
|  | 26       |              |                         |         |   |   | Τ   | П   |   |      |              |       | 76       |           |   |                    |          | Т             |               | $\Box$                                    |        |       |       | 126      |         |         | П  | П       |        |              |   |        |
|  | 27       |              |                         |         |   |   |   |   |   |      |              |       | 77       |           |   |                    |          |               |               | $\Box$                                    |        |       |       | 127      | T       |         | П  |         |        | T            |   |        |
|  | 28       |              |                         |         |   |   |   |   |   |      |              |       | 78       |           |   |                    |          | Т             | Т             | П   |        |       |       | 128      |         |         |  |         | П      |              |   |        |
|  | 29       |              |                         |         |   |   |   |   |   |      |              |       | 79       |           |   |                    |          |               |               |   |        |       |       | 129      |         |         |  | П       |        |              |   |        |
|  | 30       |              |                         |         |   |   |   |   |   |      |              |       | 80       |           |   |                    |          |               |               |   |        |       |       | 130      |         |         |  | П       | П      |              |   |        |
|  | 31       |              |                         |         |   |   |   |   |   |      |              |       | 81       |           |   |                    |          |               |               | $\prod$                                   |        |       |       | 131      |         |         |  | Г       |        | $\neg$       |   |        |
|  | 32       |              |                         | $\Box$  | $oldsymbol{\perp}$                                |   |   | $\perp$   |   | ]    |              |       | 82       |           |   |                    |          |               |               |   |        |       |       | 132      |         |         |  |         |        |              |   |        |
| <u></u>  | 33       | L            |                         | $\perp$ | $\perp$   |   |   |   |   | _ :: |              |       | 83       |           |   |                    | $\Box$   | $\Box I$      |               |   |        |       |       | 133      | $\Box$  |         |  | $L^{-}$ |        |              |   |        |
| <u></u>  | 34       |              | oxdot                   | $\perp$ | 1   | $\perp$   | ⊥   | $\perp$   |   | ╝    |              |       | 84       | Ш         |   |                    |          |               |               |   |        |       |       | 134      | $\Box$  |         | 匚  | $\Box$  |        |              |   |        |
| ļ  | 35       | L_           | oxdot                   | 1       | $\perp$   | $\bot$  | $\perp$   | $\perp$   | $\perp$   | ╝    |              |       | 85       | Ш         |   |                    | [        |               |               | $\perp \perp$                             |        |       |       | 135      |         |         | $oxedsymbol{oxed}$                         |         | $\Box$ |              |   |        |
|  | 36       | <u> </u>     | $\sqcup \!\!\! \perp$   | $\bot$  | $\perp$   | $\perp$   | 4   | $\perp$   | $\perp$   | 4    |              |       | 86       | Ш         | Ш | [                  | _[       |               |               |   |        |       |       | 136      | $\Box$  |         |  | $\Box$  | $\Box$ |              |   |        |
| <u></u>  | 37       | $oxed{oxed}$ | $\sqcup \!\!\! \perp$   |         | $\perp$   | _   | $\perp$   | 4   | $\perp$   |      |              |       | 87       | Ш         |   |                    | $\perp$  |               |               | $oldsymbol{oldsymbol{oldsymbol{\sqcup}}}$ |        |       |       | 137      |         |         | L  |         |        |              |   |        |
| $\vdash$   | 38       |              | $\vdash$                |         | 4   |   | 4   | $\perp$   |   | _ :: | ::: <u> </u> |       | 88       | Ш         |   |                    | $\perp$  |               |               | 1   |        |       |       | 138      | [       |         |  |         |        |              |   |        |
| $\vdash$   | 39       | L.,          | $\vdash$                |         | $\perp$   | $\perp$   | 4   | 4.  | $\bot$  |      |              |       | 89       | Ш         |   |                    | $\perp$  |               | _             | 11  |        |       |       | 139      | [       |         | $oxedsymbol{oxedsymbol{oxedsymbol{oxed}}}$ | oxdot   |        | $oxed{oxed}$ |   |        |
| <u> </u>   | 40       | L.,          | $\vdash$                | 4       | $\perp$   |   | $\bot$  | _   | 4   | _ :: | <b></b> ]    |       | 90       | Ш         |   |                    | $\perp$  |               | _             | 4_4                                       | _      |       |       | 140      | _       |         |  |         |        | $\Box$       |   |        |
| <b></b>  | 41       | Щ            | $\sqcup \!\!\!\! \perp$ | 4       | 4   | _   | _   | $\perp$   | $\perp$   | _    |              |       | 91       | Ш         | Ш | $\perp \downarrow$ |          | $\perp$       | $\perp$       | igspace                                   |        |       |       | 141      |         |         | L  |         | Ш      |              |   |        |
| <u> </u>   | 42       | L            | $\sqcup$                | 4       | $\bot$  | 4   | 4   | _   |   | _    |              |       | 92       | Ш         |   | _                  | $\perp$  | $\perp$       |               | $\bot$                                    |        |       |       | 142      |         | $\perp$ | _  | $\Box$  | L      | [            |   | ]      |
| igwdap   | 43       | <u> </u>     |                         | _       | $\bot$  | $\perp$   | 4   | 4   | _ _   | ╝    |              |       | 93       | Ш         | Щ |                    | $\dashv$ | $\bot$        |               | 1   |        |       |       | 143      | [       | $\perp$ | 匚  |         | L]     |              |   | _]     |
|  | 44       | Ш            | $\vdash$                | - -     | 4   | $\bot$  | +   | $\bot$  | 4   | 4    | <b></b>      |       | 94       | Ш         | Ш | _                  | $\dashv$ | $\bot$        |               | 1-1                                       |        |       |       | 144      |         | $\bot$  | <u> </u>                                   | L_      |        |              |   | _      |
| L  | 45       |              |                         | 4       | 4   | $\bot$  | 4   | 4   | 4.  | 4    |              |       | 95       |           | Ш | $\dashv$           | $\perp$  | $\bot$        |               | $\bot$                                    |        |       |       | 145      | [       | $\perp$ | L  |         | Ш      |              | ] | ]      |
| $\vdash$   | 46       |              | $\vdash$                | +       | 4   | 4   | _   | $\bot$  | $\bot$  | 4    | iil          |       | 96       | Щ         |   |                    | $\perp$  | $\bot$        | $\perp$       | $\sqcup$                                  |        |       |       | 146      |         |         |  |         | Ш      |              | ] | ]      |
|  | 47       |              |                         | $\bot$  | $\bot$  | 4   | +   |   | $\bot$  | 4    |              |       | 97       | Ш         | Щ | _                  | _        | 4             |               | $\sqcup$                                  |        |       |       | 147      |         |         | <u> </u>                                   |         |        |              |   | ]      |
| <u> </u>   | 48       |              | $\vdash$                | - -     | $\bot$  | +   | +   | _   |   | 4    |              |       | 98       | Щ         |   | _                  | _        | $\bot$        | 4-            | 11  |        |       |       | 148      | $\perp$ |         | L_   |         |        |              |   | ]      |
| $\vdash$   | 49       |              | $\vdash$                | 4       | 4   | +   | $\perp$   | +   | 4.  | 4    | ii ļ         |       | 99       | $\square$ |   | _                  | 4        | 4             | 4_            | $\sqcup$                                  | _      |       |       | 149      | $\perp$ |         |  | Ш       | Ш      |              |   | _]     |
| $ldsymbol{le}}}}}}}}$ | 50       |              |                         | $\perp$ | _L  |   |   |   | 丄   | ∷ل   | :::[         |       | 100      |           |   |                    |          |               |               |   |        | ::::[ |       | 150      |         | 1       | I  | ı       |        | - 1          |   | ì      |